Refine Search

Search Results -

Terms	Documents
L2 and (stop same (transmit$4 or send$3))	33

Database:
- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search: `l2 same (stop same (transmit$4 or send$3))`

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Friday, June 02, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L4	l2 and (stop same (transmit$4 or send$3))	33	L4
DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L3	"collision detection mechanism" same bus same transmi$5	0	L3
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L2	"collision detection mechanism" same bus same transmi$5	43	L2
L1	"collision detection mechanism" same "data bus" same transmi$5	0	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
"collision detection mechanism" same bus same transmi$5	0

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L3

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Friday, June 02, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L3	"collision detection mechanism" same bus same transmi$5	0	L3
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L2	"collision detection mechanism" same bus same transmi$5	43	L2
L1	"collision detection mechanism" same "data bus" same transmi$5	0	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
"collision detection mechanism" same bus same transmi$5	43

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L2

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Friday, June 02, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L2	"collision detection mechanism" same bus same transmi$5	43	L2
L1	"collision detection mechanism" same "data bus" same transmi$5	0	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
(370/912 |370/423 |370/252 |370/229 |370/230 |370/230.1 |370/231 |370/232 |370/233 |370/234 |370/235 |709/249 |709/233 |709/231 |709/250 |709/201 |709/238 |710/18 |710/29 |710/30 |710/31 |710/32 |710/38 |710/100 |710/106 |710/305 |712/28 |712/29 |712/30).ccls.	20590

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L1

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Friday, June 02, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,USOC; PLUR=YES; OP=OR		
L1	710/18,29-32,38,100,106,305;709/249,233,231,250,201,238;370/912,423,252,229-235;712/28-30.ccls.	20590	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and L2	41

Database:
- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search: L4

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Friday, June 02, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L4	l1 and l2	41	L4
DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L3	(bus near5 control$4 near5 (data near3 flow$3)) same (transmit$4 or send$3) same receiv$3	14	L3
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L2	(bus near5 control$4 near5 (data near3 flow$3)) same (transmit$4 or send$3) same receiv$3	175	L2
L1	710/18,29-32,38,100,106,305;709/249,233,231,250,201,238;370/912,423,252,229-235;712/28-30.ccls.	20590	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L6 and (overflow$3 same mode)	17

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L7

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Friday, June 02, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L7	l6 and (overflow$3 same mode)	17	L7
L6	(bus near5 control$4 near5 (data near3 flow)) same transmit$4 same receiv$3	149	L6
L5	l1 and (overflow$3 same mode)	2	L5
L4	L1 and HDLC	0	L4
L3	L1 or HDLC	4002	L3
L2	L1 and ("high-level data link control" or HDLC)	0	L2
L1	("data bus" near5 control$4 near5 (data near3 flow)) same transmit$4 same receiv$3	41	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L6 and (overflow$3 same mode)	0

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L8

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Friday, June 02, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L8	l6 and (overflow$3 same mode)	0	L8
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L7	l6 and (overflow$3 same mode)	17	L7
L6	(bus near5 control$4 near5 (data near3 flow)) same transmit$4 same receiv$3	149	L6
L5	l1 and (overflow$3 same mode)	2	L5
L4	L1 and HDLC	0	L4
L3	L1 or HDLC	4002	L3
L2	L1 and ("high-level data link control" or HDLC)	0	L2
L1	("data bus" near5 control$4 near5 (data near3 flow)) same transmit$4 same receiv$3	41	L1

END OF SEARCH HISTORY

Freeform Search

Database: US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Term: uplink same bus same data same stop$3

Display: 10 **Documents in Display Format:** - **Starting with Number** 1

Generate: ○ **Hit List** ◉ **Hit Count** ○ **Side by Side** ○ **Image**

Search Clear Interrupt

Search History

DATE: Friday, June 02, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT; PLUR=YES; OP=OR			
L3	uplink same bus same data same stop$3	9	L3
L2	uplink same "data bus" same stop$3	4	L2
DB=USPT; PLUR=YES; OP=OR			
L1	6625163.pn. and stop$3	1	L1

END OF SEARCH HISTORY

Results for "((hdlc<in>metadata) <and> (overflow<in>metadata))"

e-mail printer friendly

Your search matched **1** of **1351415** documents.

A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

Modify Search

((hdlc<in>metadata) <and> (overflow<in>metadata)) Search

Check to search only within this results set

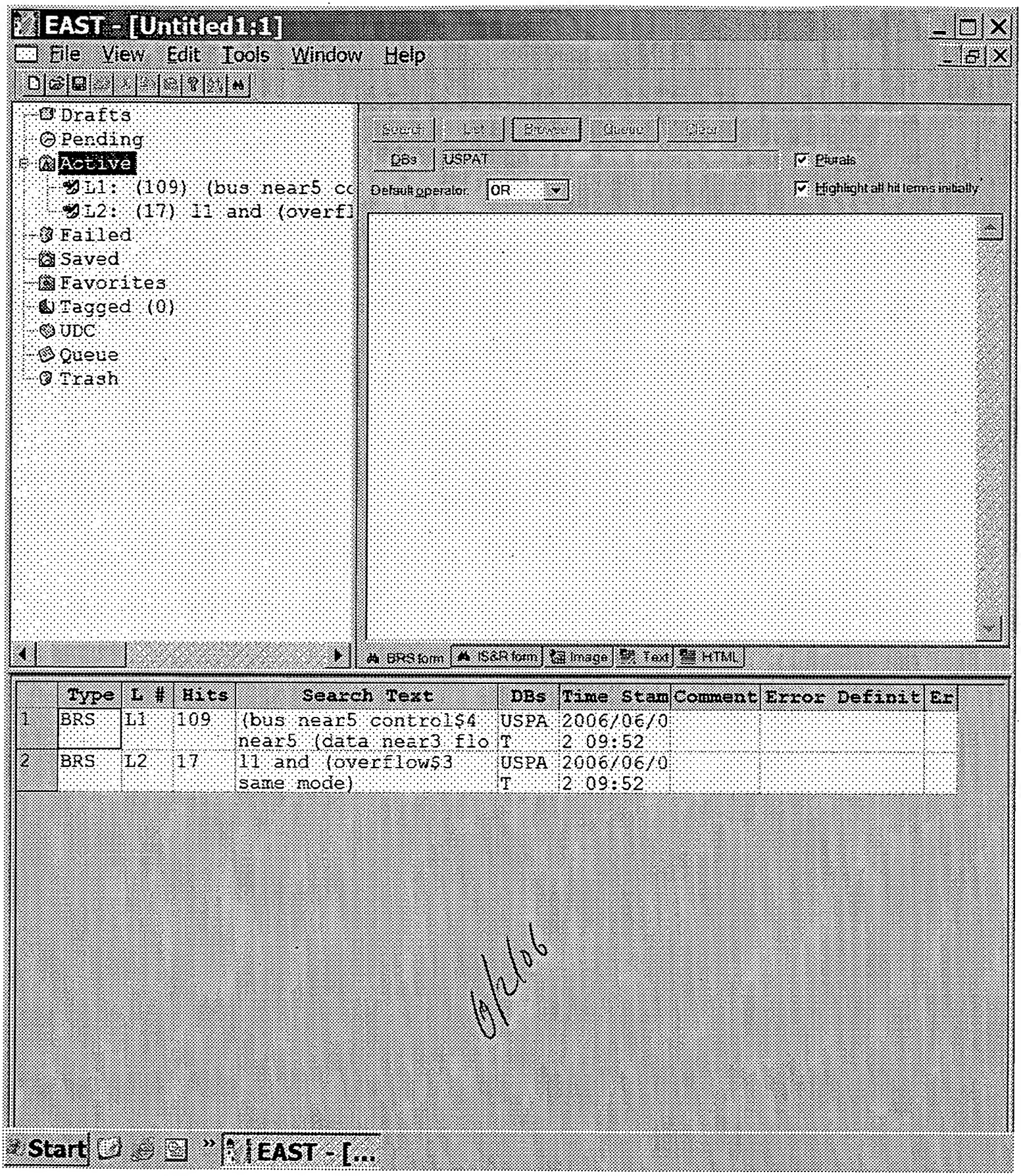
» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

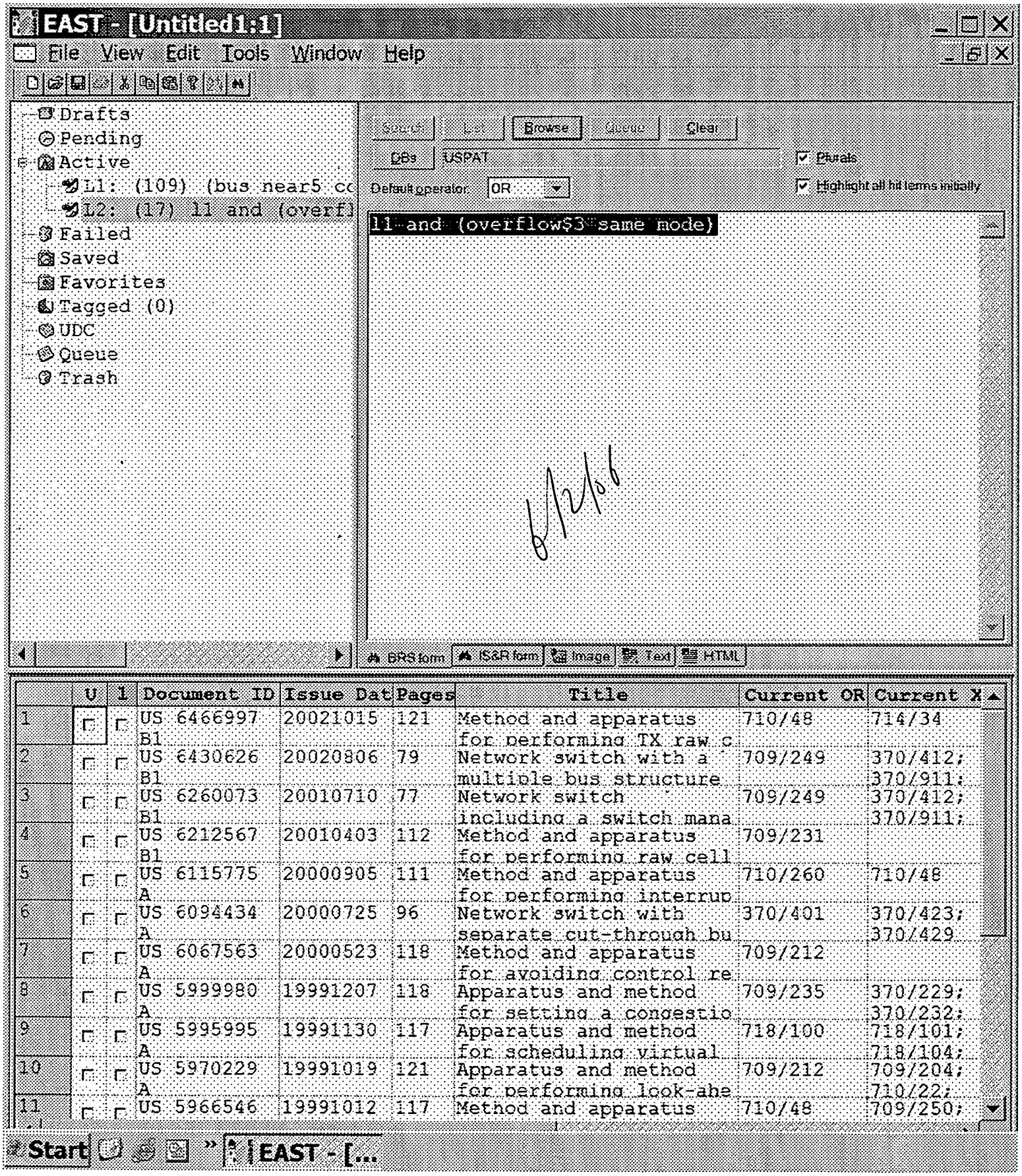
Display Format: Citation Citation & Abstract

view selected items Select All Deselect All

1. **Improving the satellite communication efficiency of the accumulative acknowledgement strategies**
   Duarte, O.C.M.B.; de Lima, H.M.;
   Global Telecommunications Conference, 1989, and Exhibition. 'Communications Technology for the 1990s and Beyond' GLOBECOM '89. IEEE
   27-30 Nov. 1989 Page(s):1744 - 1748 vol.3
   Digital Object Identifier 10.1109/GLOCOM.1989.64242
   AbstractPlus | Full Text: PDF(444 KB) IEEE CNF
   Rights and Permissions


EAST - [Untitled1:1]
File View Edit Tools Window Help
Drafts
Pending
Active
L1: (109) (bus near5 cc
L2: (17) l1 and (overfl
Failed
Saved
Favorites
Tagged (0)
UDC
Queue
Trash
Search
List
Browse
Queue
Clear
DBs
USPAT
Plurals
Default operator:
OR
Highlight all hit terms initially
BRS form
IS&R form
Image
Text
HTML
Type L # Hits Search Text DBs Time Stam Comment Error Definit Er
1 BRS L1 109 (bus near5 control$4 near5 (data near3 flo USPA T 2006/06/0 2 09:52
2 BRS L2 17 l1 and (overflow$3 same mode) USPA T 2006/06/0 2 09:52
Start
EAST - [...

6/2/06


EAST - [Untitled1:1]
File View Edit Tools Window Help
Drafts
Pending
Active
L1: (109) (bus near5 cc
L2: (17) l1 and (overfl
Failed
Saved
Favorites
Tagged (0)
UDC
Queue
Trash
Search
Edit
Browse
Queues
Clear
DBs
USPAT
Plurals
Default operator:
OR
Highlight all hit terms initially
l1 and (overflow$3 same mode)
8/2/06
DRS form
IS&R form
Image
Text
HTML
U
I
Document ID
Issue Dat
Pages
Title
Current OR
Current X
1 US 6466997 B1 20021015 121 Method and apparatus for performing TX raw c 710/48 714/34
2 US 6430626 B1 20020806 79 Network switch with a multiple bus structure 709/249 370/412; 370/911;
3 US 6260073 B1 20010710 77 Network switch including a switch mana 709/249 370/412; 370/911;
4 US 6212567 B1 20010403 112 Method and apparatus for performing raw cell 709/231
5 US 6115775 A 20000905 111 Method and apparatus for performing interrup 710/260 710/48
6 US 6094434 A 20000725 96 Network switch with separate cut-through bu 370/401 370/423; 370/429
7 US 6067563 A 20000523 118 Method and apparatus for avoiding control re 709/212
8 US 5999980 A 19991207 118 Apparatus and method for setting a congestio 709/235 370/229; 370/232;
9 US 5995995 A 19991130 117 Apparatus and method for scheduling virtual 718/100 718/101; 718/104;
10 US 5970229 A 19991019 121 Apparatus and method for performing look-ahe 709/212 709/204; 710/22;
11 US 5966546 19991012 117 Method and apparatus 710/48 709/250;
Start
EAST - [...

Results for "((hdlc<in>metadata) <and> (overflow<in>metadata))<and> (mode<in>..."

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Your search matched **0** documents.

A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

Modify Search

((hdlc<in>metadata) <and> (overflow<in>metadata))<and> (mode<in>metadata) Search

Check to search only within this results set

Display Format: Citation Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistance revising your search.

Indexed by Inspec

Improving the satellite communication efficiency of the accumulative acknowledgement strategies

Duarte, O.C.M.B. de Lima, H.M.
COPPE/EE, Univ. Federal do Rio de Janeiro, Brazil;

This paper appears in: **Global Telecommunications Conference, 1989, and Exhibition. 'Communications Technology for the 1990s and Beyond', GLOBECOM '89., IEEE**
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Location: Dallas, TX
INSPEC Accession Number:3741555
Digital Object Identifier: 10.1109/GLOCOM.1989.64242
Posted online: 2002-08-06 16:49:47.0

Abstract
The performances of two finite buffer error recovery strategies-**HDLC**-Ms.SREJ+REJ and the q.SREJ modified protocols-are analyzed. In both strategies the retransmission request decision between selective repeat and continuous retransmission is based on an imminent buffer **overflow** condition. These are accumulative acknowledgement schemes, but in the second strategy the selective-repeat control frame is uniquely an individual negative acknowledgement. The two strategies take advantage of the availability of a greater buffer capacity, making the most of the selective repeat, postponing the sending of a continuous retransmission request. Numerical results show a better performance very close to the ideal, but it does not integrally conform to the high-level data link control (**HDLC**) procedures. It is shown that these strategies are well suited for high-speed data transfer in the high-error-rate satellite environment

Index Terms
Inspec
Controlled Indexing
protocols satellite relay systems telecommunication traffic

Non-controlled Indexing
HDLC accumulative acknowledgement strategies continuous retransmission request finite buffer error recovery strategies high-error-rate satellite environment high-level data link control high-speed data transfer q.SREJ modified protocols satellite communication efficiency selective-repeat control frame
Author Keywords
Not Available

References

No references available on IEEE Xplore.